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DEB/CAE/wlm
7 November 2002

PATENT APPLICATION
DOCKET NO. 1818.1009-009

GP/1657
\$

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jonathan S. Stamler, Joseph Bonaventura, John R. Pawloski and Timothy J. McMahon

Application No.: 10/045,603 Group: 1651

Filed: October 23, 2001 Examiner: Not assigned

Confirmation No.: 3692

For: Red Blood Cells Loaded With S-Nitrosothiol and Uses Therefor

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202	
on <u>11/8/02</u>	<u>Wendy Morrissey</u>
Date	Signature
<u>Wendy Morrissey</u>	
Typed or printed name of person signing certificate	

RECEIVED
NOV 19 2002
TECH CENTER 1600/2900

Assistant Commissioner for Patents
P.O. Box 2327
Arlington, VA 22202

Sir:

Transmitted herewith is a Preliminary Amendment for filing in the above-identified application.

[X] Small entity status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a Small Entity Statement previously submitted.

[] A Small Entity Statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.

The fee has been calculated as shown below:

(COL. 1)	(COL. 2)	(COL. 3)	(COL. 4)	(COL. 5)
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA
TOTAL	36	MINUS	* 26	10
INDEP	28	MINUS	** 20	8
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				

SMALL ENTITY	
RATE	ADDIT. FEE
X \$ 9	\$ 90
X \$42	\$ 336
+ \$140	\$

OR

OTHER THAN SMALL ENTITY	
RATE	ADDIT. FEE
X \$18	\$
X \$84	\$
+ \$280	\$

* not fewer than 20
** not fewer than 3

TOTAL = \$ 426

TOTAL = \$ 0

Please charge Deposit Account No. 08-0380 for the following fees:

<input type="checkbox"/>	Petition for [] month Extension of Time	\$	_____
<input type="checkbox"/>	Amendment Fee	\$	_____
<input type="checkbox"/>	Other Fees:		
		\$	_____
		\$	_____
		TOTAL:	\$ <u>0</u>

A check is enclosed in payment of the following fees:

<input type="checkbox"/>	Petition for [] month Extension of Time	\$	_____
<input checked="" type="checkbox"/>	Amendment Fee	\$	<u>426</u>
<input type="checkbox"/>	Other Fees:		
		\$	_____
		\$	_____
		TOTAL:	\$ <u>426</u>

☒ A general authorization is hereby granted to charge Deposit Account No. 08-0380 for any fees required under 37 C.F.R. 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.

Respectfully submitted,

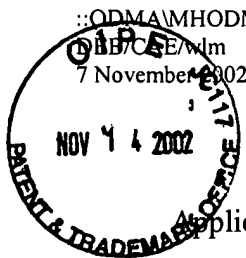
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Carol A. Egner
Carol A. Egner
Registration No.: 38,866
Telephone (978) 341-0036
Facsimile (978) 341-0136

Concord, Massachusetts 01742-9133

Dated: November 8, 2002

#4/a
Dmt
1-16-03



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PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
P.O. Box 2327
Arlington, VA 22202

Sir:

This Amendment is being filed before a first Office Action.

Please amend the application as follows:

In the Specification

Please replace the paragraph at page 25, lines 6 through 19 with the following paragraph:

Biologically active NO can be measured as S-nitrosothiol (in the form of SNO-Hb) and iron nitrosylhemoglobin. Red blood cells of normal humans have been found to carry a range of biologically active NO. See Figures 12A, 12B and 12C. According to these measurements on

21

11/18/2002 10:10:00 AM 1818.1009-009 336.00 90.00 01 FC:2201 02 FC:2202